

Abstract

A jaw implant has an implant body (30) which is attached by a screw (35) to an implant top portion (34). A borehole in the implant top portion forms a passage for the shaft of the screw and a supporting area for the screw head. The supporting area is designed as a truncated cone (40) and the part of the screw head coming to rest against it is designed as a female taper (39). By tightening the screw, the implant top portion is centered on the implant body without thereby exerting any pressure on the circumference of the implant top portion. The implant top portion is elastically deformable to a predetermined extent under the pressure of the tightened screw in the interface area between the implant body and the implant top portion, so that the interface profile of the implant top portion is adapted to the interface profile of the implant body. The elastically deformed implant top portion creates a restoring force which secures the screw in the tightened state to prevent it from loosening.